

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2234	(118/725).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 16:44
S2	2	"20070141846"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/07 16:02
S3	3	((("6157106") or ("6222990") or ("6133152"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/07 16:04
S17	95	US-4401689-\$.DID. OR US-5525157-\$.DID. OR US-5685906-\$.DID. OR US-5849077-\$.DID. OR US-5843234-\$.DID. OR US-4522149-\$.DID. OR US-5261960-\$.DID. OR US-6013319-\$.DID. OR US-3623712-\$.DID. OR US-4081313-\$.DID. OR US-4322592-\$.DID. OR US-4496609-\$.DID. OR US-4518455-\$.DID. OR US-4773355-\$.DID. OR US-4778559-\$.DID. OR US-4823735-\$.DID. OR US-4825809-\$.DID. OR US-4837052-\$.DID. OR US-4891335-\$.DID. OR US-4938815-\$.DID. OR US-4956046-\$.DID. OR US-5286297-\$.DID. OR US-5316794-\$.DID. OR US-5411593-\$.DID. OR US-5464499-\$.DID. OR US-5746834-\$.DID. OR US-5891250-\$.DID. OR US-5954881-\$.DID. OR US-6099650-\$.DID. OR US-6129048-\$.DID. OR US-6444027-\$.DID. OR US-6596095-\$.DID. OR US-20010037761-\$.DID. OR US-20060231035-\$.DID. OR US-4339645-\$.DID. OR US-4263872-\$.DID. OR US-4421786-\$.DID. OR US-4386255-\$.DID. OR US-4275282-\$.DID. OR US-4499853-\$.DID. OR US-4846102-\$.DID. OR US-5179677-\$.DID. OR US-5221556-\$.DID. OR US-5275686-\$.DID. OR US-5322567-\$.DID. OR US-5370709-\$.DID. OR US-5411590-\$.DID. OR US-5421957-\$.DID. OR US-5458918-\$.DID. OR US-5518549-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/10/07 16:07
S19	39	S5-16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/07 16:13
S20	3	((("6157106") or ("6222990") or ("6133152"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/08 07:58

S21	95	US-4401689-\$.DID. OR US-5525157-\$.DID. OR US-5685906-\$.DID. OR US-5849077-\$.DID. OR US-5843234-\$.DID. OR US-4522149-\$.DID. OR US-5261960-\$.DID. OR US-6013319-\$.DID. OR US-3623712-\$.DID. OR US-4081313-\$.DID. OR US-4322592-\$.DID. OR US-4496609-\$.DID. OR US-4518455-\$.DID. OR US-4773355-\$.DID. OR US-4778559-\$.DID. OR US-4823735-\$.DID. OR US-4825809-\$.DID. OR US-4837052-\$.DID. OR US-4891335-\$.DID. OR US-4938815-\$.DID. OR US-4956046-\$.DID. OR US-5286297-\$.DID. OR US-5316794-\$.DID. OR US-5411593-\$.DID. OR US-5464499-\$.DID. OR US-5746834-\$.DID. OR US-5891250-\$.DID. OR US-5954881-\$.DID. OR US-6099650-\$.DID. OR US-6129048-\$.DID. OR US-6444027-\$.DID. OR US-6596095-\$.DID. OR US-20010037761-\$.DID. OR US-20060231035-\$.DID. OR US-4339645-\$.DID. OR US-4263872-\$.DID. OR US-4421786-\$.DID. OR US-4386255-\$.DID. OR US-4275282-\$.DID. OR US-4499853-\$.DID. OR US-4846102-\$.DID. OR US-5179677-\$.DID. OR US-5221556-\$.DID. OR US-5275686-\$.DID. OR US-5322567-\$.DID. OR US-5370709-\$.DID. OR US-5411590-\$.DID. OR US-5421957-\$.DID. OR US-5458918-\$.DID. OR US-5518549-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/10/08 07:58
S22	39	S5-16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 07:58
S23	137	S20 or S21 or S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 07:58
S24	51	S23 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 07:58
S26	14123	((156/345\$,583\$) or (118/500,715,50,620)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/08 09:57
S28	9	S26 quartz adj window near (edge side slant slope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 09:58
S29	266320	(cool\$3 adj (water fluid liquid))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:07

S30	286816	S29 or (lower\$3 reduc\$3 decreas\$3) adj4 (water fluid liquid temperature heat\$3) AND (cool\$3 adj (gas vapor media fluid))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:08
S31	592	S30 and quartz adj window	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:08
S32	235	S30 and quartz adj window and rotation\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:08
S33	5993	cool\$3 adj water near2 (jacket shield ring border)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:13
S34	168	S33 and (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:13
S35	259114	S34 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:18
S36	61	S34 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:18
S37	2	2003-289050	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:26
S38	3	"2003289050"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:27
S39	3	((("6157106") or ("6222990") or ("6133152"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/08 10:28
S40	42	("4113547"   "4469529"   "4493977"   "4535227"   "4535228"   "4751370"   "4789771"   "4891499"   "5294778"   "5315092"   "5414244"   "5467220"   "5551982"   "5830277"   "5831249"   "5848889").PN. OR ("6222990").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 10:28
S41	34	("5155336"   "5527393"   "5660472"   "5755511"   "5884412"   "5960555"   "6035100"   "6048403").PN. OR ("6157106").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 10:31

S42	12	("5820686"   "5851299"   "5884412").PN. OR ("6133152").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 10:33
S43	0	"2006541018"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:35
S44	1	"112004002277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:36
S45	0	"H01L 21/324"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:37
S46	358	H01L21/324.ipc. or H01L21/20-288. ipc. or H01L21/302-322.ipc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:39
S47	358	H01L21/324.ipc. or H01L21/20-288. ipc. or H01L21/302-322.ipc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:39
S48	358	H01L21/324.ipc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:41
S49	8735	rapid adj thermal adj process\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:43
S50	2	S49 and horizontal near gas near flow	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:44
S51	283	117/93.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:50
S52	63712	(117 118 216 438 156).clas. oxygen	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:58
S53	12010	(117 118 216 438 156).clas. oxygen quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:58

S54	728	(117 118 216 438 156).clas. oxygen quartz heat\$3 cool\$3 adj water	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:58
S55	20	(117 118 216 438 156).clas. oxygen quartz heat\$3 cool\$3 adj water and edge adj ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:59
S56	72075	(117 118 216 438 156).clas. (susceptor chuck holder carrier boat disc ring) (hexagon shap\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:03
S57	793	(117 118 216 438 156).clas. (susceptor chuck holder carrier boat disc ring) (hexagon)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:03
S58	9	(117 118 216 438 156).clas. (susceptor chuck holder carrier boat disc ring).ti. (hexagon)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:04
S59	120	(117 118 216 438 156).clas. (susceptor chuck holder carrier boat disc ring).ti. (polygon\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:06
S60	7	("4647437"   "4661324"   "4968380"   "5037622"   "5156978").PN. OR ("5551977").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 11:09
S61	18	("3015592"   "3591348"   "3687633"   "4036666"   "4056404"   "4230674"   "4304623").PN. OR ("4647437").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 11:12
S62	11	("3591348"   "4028059"   "4230674"   "4647437"   "4968380"   "5037622"   "5085728"   "5098229").PN. OR ("6139811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 11:25
S63	1	("20020069970").PN. OR ("7416633").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 13:27
S64	0	("(chamberreactorprocess\$3near2tube)withcornerwith(round\$4smooth\$4curv\$4arc\$3)").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/08 17:13
S65	0	(chamber reactor process\$3 near2 tube) with corner with (round\$4 smooth\$4 curv\$4 arc\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 17:13
S66	0	(chamber reactor process\$3 near2 tube) with shape with (smooth\$4 curv\$4 arc\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 17:13

S67	5731	(chamber reactor process\$3 near2 tube) with shape with (smooth\$4 curv \$4 arc\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:14
S68	5731	(chamber reactor process\$3 near2 tube) with shape with (smooth\$4 curv \$4 arc\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:15
S69	420573	(chamber reactor process\$3 near2 tube) with shape with (smooth\$4 curv \$4 arc\$3) (118 156 216 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:16
S70	415151	(118 156 216 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:16
S71	309	S70 and S68	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:16
S72	16	("4755654"   "5085887"   "5574247"   "6090458"   "6099648"   "6156079").PN. OR ("6437290"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 17:35
S73	654	"6301434" or "5000113"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 06:55
S74	2	((("5000113") or ("6301434"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/09 06:56
S75	407	("3627590"   "3661637"   "4492716"   "4496809"   "4503807"   "4550685"   "4625678"   "4693211"   "4695700"   "4745088"   "4747368"   "4767641").PN. OR ("5000113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 06:56
S76	12027	(117 118 216 438 156).clas. oxygen quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 07:18
S77	393	S76 shape adj5 (chamber vessel  reactor)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 07:18

S78	46	("4421786"   "4496609"   "4654509"   "4680451"   "4728389"   "4755654"   "4789771"   "4798165"   "4800105"   "4874464"   "4920918"   "5094885"   "5156820"   "5194401"   "5373806"   "5446824"   "5618351"   "5710407"   "5781693"   "5830277"   "5848889"   "6002109").PN. OR ("6301434"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 07:18
S79	42	("4113547"   "4469529"   "4493977"   "4535227"   "4535228"   "4751370"   "4789771"   "4891499"   "5294778"   "5315092"   "5414244"   "5467220"   "5551982"   "5830277"   "5831249"   "5848889").PN. OR ("6222990"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 07:33
S80	5586575	(chamber reactor process\$3 near2 tube) with shape with (smooth\$4 curv \$4 arc\$3) (118 156 216 438).clas. rapid thermal processing	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:19
S81	309	(chamber reactor process\$3 near2 tube) with shape with (smooth\$4 curv \$4 arc\$3) and (118 156 216 438). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:20
S82	72035	curv\$3 and inner adj wall	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:24
S83	83642	curv\$3 and inner adj wall S76	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:24
S84	420	curv\$3 and inner adj wall and S76	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:24
S85	323	curv\$3 and inner adj wall and S76 and (angle degree)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:45
S86	15	curv\$3 near inner adj (wall corner  surface) and S76 and (angle degree)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:46
S87	154941	curv\$3 near inner adj (wall corner  surface) same S74 (angle degree) and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:48

S88	30	curv\$3 near inner adj (wall corner surface) same2 (angle degree) and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:48
S89	0	therma adj2 reactor applied adj materials.as.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:50
S90	0	therma1 adj2 reactor applied adj materials.as.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:50
S91	0	therma1 adj2 reactor (applied adj materials.as.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:51
S92	102	thermal adj2 reactor (applied adj materials.as.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:51
S93	22765	window heat\$3 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:56
S94	16508	window heat\$3 quartz (angle degree)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:57
S95	1	window heat\$3 quartz (angle degree) near (15-50)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:57
S96	238	window heat\$3 quartz (angle degree) octagon\$2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:57
S97	233	window heat\$3 quartz (angle degree) octagon\$2 process\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:58
S98	125	window heat\$3 quartz (angle degree) octagon\$2 process\$3 chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:58



S99	7	window heat\$3 quartz (angle degree) octagon\$2 process\$3 "118".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:58
S100	1	("20020069970").PN. OR ("7416633").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 12:35
S101	14134	((156/345\$,583\$) or (118/500,715,50,620)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/09 14:16
S102	383	S101 quartz adj window	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:16
S103	11	("3591348"   "4028059"   "4230674"   "4647437"   "4968380"   "5037622"   "5085728"   "5098229").PN. OR ("6139811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:17
S104	10	("3015592"   "3591348"   "3687633"   "4036666"   "4056404"   "4230674"   "4304623").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:19
S105	0	curv\$3 near reaction adj chamber and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:21
S106	17	curv\$3 near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:21
S107	36	arc\$3 near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:23
S108	14	circular near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:24
S109	3	round\$3 near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:25
S110	291	cylindrical near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:25
S111	9	curved adj hexagon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:30

S112	250	cylindrical near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas. and cross\$9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:31
S113	2674	quartz and window and processing adj chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S114	1218	quartz and window and processing adj chamber and oxygen	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S115	919	quartz and window and processing adj chamber and oxygen and cool\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S116	160	quartz and window and processing adj chamber and oxygen and cool\$3 and O-ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S117	575955	quartz and window and processing adj chamber and oxygen and cool\$3 and O-ring ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:34
S118	111	quartz and window and processing adj chamber and oxygen and cool\$3 and O-ring and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:34
S119	1	("6454866").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/09 14:47
S120	93	("3304908"   "3627590"   "4261762"   "4313783"   "4403567"   "4457359"   "4458746"   "4508161"   "4512391"   "4522697"   "4523985"   "4527620"   "4535834"   "4535835"   "4537244"   "4542298"   "4565601"   "4567938"   "4603466"   "4654508"   "4709655"   "4724621"   "4789771"   "4790262"   "4860687"   "4911812"   "4923584"   "4949783"   "4958061"   "5027746"   "5033407"   "5033538"   "5090900"   "5096536"   "5133284"   "5148714"   "5155062"   "5156820"   "5160544"   "5180000"   "5199483"   "5215619"   "5221403"   "5230741"   "5238499"   "5248370"   "5267607"   "5287914"   "5290381"   "5292393"   "5298465"   "5308645"   "5318634"   "5320982"   "5322565"   "5332442"   "5343012"   "5343938"   "5350479"   "5352294"   "5354382"   "5356476"   "5370739"   "5382311"   "5383971"   "5387289"   "5393349"   "5403401"   "5445677")	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:49

		"5446824"   "5456757"   "5458687" "5462603"   "5467220"   "5484011" "5522131"   "5551985"   "5645646" "5656093"   "5685906"   "5738165" "5803977"   "5964947"   "6053982" "6113702"   "6146464"   "6203622" "RE36957").PN. OR ("6454866"). URPN.				
S121	3	semi-circular near chamber (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:54
S122	3	semicircular near chamber (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:55
S123	0	semicircular near vessel (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:56
S124	0	semicircular near reactor (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:56
S125	8	("5711813"   "5714031").PN. OR ("6027604").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:57
S126	0	pseudo-circular near chamber (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:58
S127	0	pseudo-circular near wall (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:58
S128	0	pseudo-circular near vessel (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:58
S129	339	semi-annular same (chamber vessel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:03
S130	10	semi-circular near housing (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:06

S131	146	octagonal housing (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:07
S132	4541	annular housing (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:10
S133	289	annular housing quartz heat\$3 cool \$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:11
S134	1	annular near housing quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:11
S135	0	annular near reactor quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:11
S136	25	curv\$3 near reactor quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:12
S137	0	arc\$3 near reactor quartz heat\$3 cool \$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S138	0	smooth near reactor quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S139	0	round\$3 near reactor quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S140	10	shape near reactor quartz heat\$3 cool \$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S141	0	semicircular near reactor quartz heat \$3 cool\$3 oxygen (118 156 438). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:15

S142	0	semicircular near wall same reactor quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:15
S143	40	semicircular wall quartz heat\$3 cool\$3 oxygen (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:16
S144	93	US-5407647-\$.DID. OR US-4336108-\$.DID. OR US-4425757-\$.DID. OR US-5192517-\$.DID. OR US-5259456-\$.DID. OR US-5362464-\$.DID. OR US-5727538-\$.DID. OR US-6196056-\$.DID. OR US-4255926-\$.DID. OR US-5565180-\$.DID. OR US-4273025-\$.DID. OR US-4317540-\$.DID. OR US-4563982-\$.DID. OR US-4764085-\$.DID. OR US-4919826-\$.DID. OR US-4963329-\$.DID. OR US-5023064-\$.DID. OR US-5520858-\$.DID. OR US-5554344-\$.DID. OR US-5662838-\$.DID. OR US-6228146-\$.DID. OR US-4381898-\$.DID. OR US-4391860-\$.DID. OR US-4582254-\$.DID. OR US-4808534-\$.DID. OR US-4861261-\$.DID. OR US-4871580-\$.DID. OR US-4976685-\$.DID. OR US-5231991-\$.DID. OR US-5439509-\$.DID. OR US-5542828-\$.DID. OR US-5602435-\$.DID. OR US-5672196-\$.DID. OR US-5782080-\$.DID. OR US-5785902-\$.DID. OR US-5803938-\$.DID. OR US-5839271-\$.DID. OR US-5904850-\$.DID. OR US-6063196-\$.DID. OR US-6076517-\$.DID. OR US-6099596-\$.DID. OR US-6108096-\$.DID. OR US-6123523-\$.DID. OR US-6179054-\$.DID. OR US-6192669-\$.DID. OR US-6197117-\$.DID. OR US-4272260-\$.DID. OR US-4286652-\$.DID. OR US-4297318-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/11/14 16:28
S145	2	"6702899"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/14 16:40
S146	14	("4768921"   "5328722"   "5350275"   "5364667"   "5387079"   "5482430"   "5540783"   "5578131"   "5688106"   "5750436"   "5792272"   "5924841"   "5972114"   "6355109").PN. OR ("6702899").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 16:40
S147	548463	(118 156 438 427 216).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:52

S148	2424	S147 (chamber vessel interior) near (shape arc line degree curv\$6 line)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:53
S149	2773	S147 (chamber vessel interior) near (shape arc line degree curv\$6 line angle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:53
S150	385	S147 (chamber vessel interior) near (shape arc line degree curv\$6 line angle) and (rapid thermal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:53
S151	4266	(chamber vessel) adj3 (top view cross-section interior) (118 156).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 17:09
S152	1646	(chamber vessel) adj (top view cross-section interior) (118 156).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 17:09
S153	58	("3560166"   "3598082"   "3627590"   "3744964"   "3830194"   "3956860"   "4076869"   "4108108"   "4188519"   "4512283"   "4533820"   "4539933"   "4545327"   "4590024"   "4770630"   "4803948"   "4807562"   "4821674"   "4836138"   "4839145"   "4854263"   "4886449"   "4920918"   "4920920"   "4924807"   "4958061"   "4980204"   "4991540"   "4992303"   "4993360"   "4994301"   "5024182"   "5038395"   "5062386"   "5070814"   "5077875"   "5085887"   "5091219"   "5092728"   "5096534"   "5108792"   "5179677"   "5228917"   "5328722"   "5336327"   "5348587"   "5370738"   "5411590"   "5421893"   "5421957"   "5455069"   "5525157"   "5551982"   "5685906"   "6245149"   "6383330").PN. OR ("6540837").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:11
S154	26	("3627590"   "3761677"   "3801773"   "3817710"   "3956611"   "4184065").PN. OR ("5038395"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:17
S155	11	("3591348"   "4028059"   "4230674"   "4647437"   "4968380"   "5037622"   "5085728"   "5098229").PN. OR ("6139811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:30
S156	52	("3623712"   "3830194"   "4047496"   "4081313"   "4496609"   "4803948").PN. OR ("4920918"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:34

S157	255	nonagon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:47
S158	5	nonagon (118 156 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:47
S159	32	nonagon semiconductor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:48
S160	2110	cyliind\$6 near (vessel chamber reactor) (438 118 156 216).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:51
S161	1508	cyliind\$6 adj (vessel chamber reactor) (438 118 156 216).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:51
S162	1	("6110289").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/14 19:05
S163	20	("3796182"   "4081313"   "4496609"   "4823736"   "4858557"   "5053247"   "5207835"   "5288364"   "5444217"   "5580388"   "Re33326").PN. OR ("6110289").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 19:07
S164	11	rapid (isothermal thermal) process\$4 (chamber vessel react\$4) (shape octagon nonagon)	US-PGPUB; USPAT; USOCR	WITH	ON	2008/11/14 19:10
S165	408	("3627590"   "3661637"   "4492716"   "4496809"   "4503807"   "4550685"   "4625678"   "4693211"   "4695700"   "4745088"   "4747368"   "4767641").PN. OR ("5000113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/15 14:03
S166	9657	rapid (thermal isothermal) process\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:16
S167	902	S166 and (vacuum suction exhaust evacuation) same (oxygen "o.sub.2" detect\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:20
S168	21	S166 and (vacuum suction exhaust evacuation) near (oxygen "o.sub.2" detect\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:20

S169	16	S166 and (vacuum suction exhaust evacuation) near (oxygen "o.sub.2") and (monitor\$4 detect\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:21
S170	5	S166 and (vacuum suction exhaust evacuation) with (oxygen "o.sub.2" detect\$4) and (quartz near window) and (o-ring)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:57
S171	667	(rapid (thermal isothermal) process \$4).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:58
S172	129	(rapid (thermal isothermal) process \$4).ti. and (oxygen or "o.sub.2" or "o.sub.3" or ozone)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:58
S173	3	(rapid (thermal isothermal) process \$4).ti. and ((oxygen or "o.sub.2" or "o.sub.3" or ozone) near detect\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:59
S174	2	((("6501191") or ("5433785"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/15 15:07
S175	10	("5016563"   "5303671"   "5365772"   "5834737"   "6015594"   "6190459"   "6246030"   "6248168"   "6350316").PN. OR ("6501191").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/15 15:14
S176	0	(rapid (thermal isothermal) process \$4).ti. and (quartz window seal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:30
S177	6	(rapid (thermal isothermal) process \$4).ti. and (quartz window edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:30
S178	7	(rapid (thermal isothermal) process \$4).ti. and (quartz edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:33
S179	4	(rapid (thermal isothermal) process \$4).ti. and (quartz side)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:35
S180	7	(rapid (thermal isothermal) process \$4) and (quartz window edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:35



S181	12	(rapid (thermal isothermal) process \$4) and (window edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:42
S182	66	(rapid (thermal isothermal) process \$4).ti. and (cool\$4 near (gas medium fluid))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 16:00
S183	47	"5710407"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 08:27
S184	1	(rapid (thermal isothermal) process \$4).ti. and (square near window)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:32
S185	25	(rapid (thermal isothermal) process \$4) and window.ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:34
S186	667	(rapid (thermal isothermal) process \$4).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:44
S187	53	(rapid (thermal isothermal) process \$4).ti. and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:44
S188	1600	(rapid (thermal isothermal) process \$4) and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:48
S189	2	(rapid (thermal isothermal) process \$4) and square window	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:48
S190	0	("2004/0069612").URPN.	USPAT	AND	ON	2008/11/17 08:50
S191	6	(rapid (thermal isothermal) process \$4) and square (window or quartz or vessel or chamber)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:51
S192	1	("6,143,079,").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 08:51

S193	21	("4793283"   "4821674"   "4920918"   "4958061"   "5033407"   "5085887"   "5108792"   "5221556"   "5250323"   "5269847"   "5573566"   "5582866"   "5641358").PN. OR ("6143079").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 08:52
S194	28	("20020185062"   "4540466"   "4558660"   "4793283"   "4821674"   "4846102"   "4920918"   "4958061"   "5033407"   "5085887"   "5108792"   "5221556"   "5250323"   "5269847"   "5532457"   "5573566"   "5582866"   "5641358"   "5792273"   "5819434"   "6021152"   "6029602"   "6099648"   "6143079"   "6159297"   "6290806"   "6454863"   "6454865").PN. OR ("6869485").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 08:57
S195	28	("20020185062"   "4540466"   "4558660"   "4793283"   "4821674"   "4846102"   "4920918"   "4958061"   "5033407"   "5085887"   "5108792"   "5221556"   "5250323"   "5269847"   "5532457"   "5573566"   "5582866"   "5641358"   "5792273"   "5819434"   "6021152"   "6029602"   "6099648"   "6143079"   "6159297"   "6290806"   "6454863"   "6454865").PN. OR ("6869485").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:04
S196	21	("4793283"   "4821674"   "4920918"   "4958061"   "5033407"   "5085887"   "5108792"   "5221556"   "5250323"   "5269847"   "5573566"   "5582866"   "5641358").PN. OR ("6143079").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:07
S197	24	("4839145"   "4846102"   "4993360"   "5044315"   "5077875"   "5190592"   "5228501"   "5244694"   "5261960"   "5288327"   "5304247"   "5370738"   "5405446"   "5441568"   "5685906"   "6093252"   "6143079"   "6185839"   "6254933"   "6325858"   "6355108"   "6383330"   "6464792"   "6583638").PN. OR ("7163587").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:10
S198	16	("4755654"   "5085887"   "5574247"   "6090458"   "6099648"   "6156079").PN. OR ("6437290").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:16
S199	3	S198 and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 09:18
S200	905	35-39 and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 09:19

S201	17	(S193 S194 S195 S196 S197) and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 09:19
S202	327	cold near wall near chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 09:32
S203	177	cold near wall near chamber	USPAT	OR	ON	2008/11/17 09:32
S204	96	S203 and (118 438 156 216).clas.	USPAT	OR	ON	2008/11/17 09:33
S205	35	S203 and (rapid near thermal near process\$4)	USPAT	OR	ON	2008/11/17 09:38
S206	408	("3627590"   "3661637"   "4492716"   "4496809"   "4503807"   "4550685"   "4625678"   "4693211"   "4695700"   "4745088"   "4747368"   "4767641").PN. OR ("5000113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:47
S207	21	("4793283"   "4821674"   "4920918"   "4958061"   "5033407"   "5085887"   "5108792"   "5221556"   "5250323"   "5269847"   "5573566"   "5582866"   "5641358").PN. OR ("6143079"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:03
S208	62	("3636398"   "3796009"   "3836751"   "3969943"   "4255133"   "4349869"   "4358822"   "4430959"   "4435092"   "4616308"   "4634946"   "4639853"   "4680451"   "4688180"   "4694390"   "4714988"   "4720807"   "4736316"   "4761538"   "4769766"   "4828224"   "4836138"   "4854727"   "4890245"   "4904912"   "4913790"   "4919542"   "4959767"   "4969748"   "4975561"   "4984902"   "5010659"   "5032977"   "5098198"   "5099442"   "5156461"   "5221556"   "5225245"   "5291514"   "5301101"   "5377126"   "5488561"   "5549756"   "5623149"   "5660472"   "5707146"   "5740314"   "5743644"   "5755511"   "5790750"   "5793022"   "5802099"   "5820261"   "6093252"   "6121061"   "6143079"   "6191399"   "6205677"   "6207936"   "6373033"   "6598559"   "RE33326").PN. OR ("7173216").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:04

S209	39	("20020033232"   "3598082"   "3627590"   "3744964"   "4076859"   "4108108"   "4188519"   "4539933"   "4545327"   "4558660"   "4630669"   "4803948"   "4807562"   "4834022"   "4886449"   "4920918"   "4920920"   "4950918"   "5038395"   "5062386"   "5085887"   "5108792"   "5179677"   "5244694"   "5421893"   "5421957"   "5532457"   "5551982"   "5695567"   "5792273"   "6076482"   "6093252"   "6143079"   "6159297"   "6245149"   "6290806"   "6383330"   "6540837"   "6545863").PN. OR ("7169233"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:05
S210	6	("5792273").URPN.	USPAT	AND	ON	2008/11/17 10:09
S211	65	("4290385"   "4913929"   "5108792"   "5217755"   "5226968"   "5261960"   "5269847").PN. OR ("5551982"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:10
S212	13	("5076206"   "5246500"   "5279670"   "5336327"   "5551982"   "6144802").PN. OR ("6332927"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:15
S213	22	("5042423"   "5046909"   "5169684"   "5404894"   "5474612"   "5485486"   "5527393"   "5872889"   "5960159"   "5990585"   "6068441"   "6155773"   "6158941"   "6217663"   "6332927").PN. OR ("6462411"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:17
S214	91	(square near window) (118 156 216  438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 10:20
S215	82	(square near window) (118 156 216  438).clas.	US-PGPUB; USPAT	AND	ON	2008/11/17 10:20
S216	3	(rapid (thermal isothermal) process \$4) and square near chamber	US-PGPUB; USPAT	NEAR	ON	2008/11/17 10:23
S217	1	("6,143,079").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 10:24
S218	1	("6501191").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 11:24
S219	10	("5016563"   "5303671"   "5365772"   "5834737"   "6015594"   "6190459"   "6246030"   "6248168"   "6350316").PN. OR ("6501191"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 13:25
S220	1680	(rapid (thermal isothermal) process \$4) and gas near flow	US-PGPUB; USPAT	NEAR	ON	2008/11/17 13:32
S221	1735	(rapid (thermal isothermal) process \$4) and lateral	US-PGPUB; USPAT	NEAR	ON	2008/11/17 13:32
S222	1	(rapid (thermal isothermal) process \$4) and lateral gas flow	US-PGPUB; USPAT	NEAR	ON	2008/11/17 13:32
S223	1	("20050042881").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 13:36

S224	562882	("118" "117" "216" "427" "156" "438").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:54
S225	4075776	chamber vessel reactor container	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:55
S226	3805377	arc\$6 curv\$8 round\$4 annul\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:55
S227	4902492	degree angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:55
S228	82	S224 and (S226 near S227) same S225	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:56
S229	82	S224 and ((S226 near S227) same S225)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:56
S230	10074159	compact rapid thermal process\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 14:15
S231	726	compact rapid thermal process\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:15
S232	91	compact rapid thermal process\$4 and S224	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:16
S233	113	S224 and (S225 near square)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:32
S234	1320	rapid adj thermal.ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:43

S235	258	rapid adj thermal.ti. and S224	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:43
S236	195	rapid adj thermal.ti. and S224	USPAT	SAME	ON	2008/11/22 14:43
S237	1093	S224 and (heat source shape)	USPAT	SAME	ON	2008/11/22 14:47
S238	7	S224 and (heat source shape)	USPAT	NEAR	ON	2008/11/22 14:47
S239	2	"6702899"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 15:31
S240	29	"6222990"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 16:18
S241	43	("4113547"   "4469529"   "4493977"   "4535227"   "4535228"   "4751370"   "4789771"   "4891499"   "5294778"   "5315092"   "5414244"   "5467220"   "5551982"   "5830277"   "5831249"   "5848889").PN. OR ("6222990"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/22 16:18
S242	9676	(rapid \$3thermal process\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:22
S243	5749	S224 and S242	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:23
S244	196	S243 and (exhaust\$4 vacuum\$4  evacuat\$4).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:23
S245	2310	S243 and (exhaust\$4 vacuum\$4  evacuat\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:23
S246	941	S245 and (diameter radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:24
S247	1	S245 and (diameter radius) and lateral adj flow	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:24

S248	109	S243 and (exhaust\$4 vacuum\$4 evacuat\$4).ab. and (diameter radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:25
S249	242	S243 and (exhaust\$4 vacuum\$4 evacuat\$4).clm. and (diameter radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:26
S250	13	S243 and (exhaust\$4 vacuum\$4 evacuat\$4).ti. and (diameter radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:26
S251	6	S243 and (exhaust\$4 vacuum\$4 evacuat\$4).clm. and ((diameter radius) near (port pipe vacuum\$4 exhaust\$4 channel))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:29
S252	105	"4821674"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:25
S253	664	((((heat adj transfer) or cool\$4) adj (gas medium)) and (rapid near \$3thermal process\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:48
S254	562882	("118" "117" "216" "427" "156" "438").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 18:49
S255	376	((((heat adj transfer) or cool\$4) adj (gas medium)) and (rapid near \$3thermal process\$4) and S254	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:49
S256	303	((((heat adj transfer) or cool\$4) adj (gas medium)) and (rapid near \$3thermal process\$4) and (118 156)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:49
S257	4	S255 and spider	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:50
S258	48	((((heat adj transfer) or cool\$4) adj (gas medium)).clm. and (rapid near \$3thermal process\$4) and (118 156)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:51

S259	26	((heat adj transfer) or cool\$4) adj (gas medium)).clm. and (rapid near \$3thermal near process\$4) and (118 156)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:52
S260	2	"20030051665"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:59
S261	433	lateral near cool\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 15:04
S262	14248	((156/345\$,583\$) or (118/500,715,50,620)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 15:05
S263	0	S261 and S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 15:05
S264	229	(rapid (thermal isothermal) process \$4) and gas near flow and cool\$4. clm.	US-PGPUB; USPAT	NEAR	ON	2008/11/25 15:07
S265	46	(rapid (thermal isothermal) process \$4) and gas near flow and (cool\$4 near gas).clm.	US-PGPUB; USPAT	NEAR	ON	2008/11/25 15:24
S266	143	("20020000194"   "20020104205"   "20020121242"   "20020137311"   "20030031793"   "20030124820"   "20030209326"   "20030235983"   "20030236642"   "20040018008"   "20040025787"   "20040040508"   "20040058557"   "20050006916"   "20050008351"   "3862397"   "3895967"   "4450652"   "4724621"   "4747928"   "4811493"   "4836138"   "4857689"   "4863547"   "4914276"   "4924073"   "4949783"   "4956538"   "5002010"   "5018616"   "5033407"   "5060354"   "5108792"   "5113929"   "5129360"   "5156820"   "5160545"   "5177878"   "5181556"   "5199483"   "5226732"   "5228501"   "5248370"   "5252366"   "5287914"   "5290381"   "5300453"   "5345999"   "5356476"   "5372648"   "5414244"   "5431700"   "5436172"   "5443997"   "5449883"   "5458687"   "5478401"   "5520742"   "5597458"   "5609689"   "5620560"   "5660472"   "5662469"   "5673750"   "5743643"   "5770515"   "5778968"   "5781693"   "5810933"   "5814365"   "5820942"   "5834068"   "5846375"   "5874711"   "5881208"   "5891790"   "5902494"   "5920797"   "5926742"   "5930456"   "5937142"   "5937541"   "5944857"   "5960158"   "5960555"   "5965047"   "5970214"   "5970382"   "5980637"   "5990016"   "5997175"	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 15:59



		"6018616"   "6027244"   "6034357"   "6056434"   "6073366"   "6075922"   "6097005"   "6100506"   "6105274"   "6107608"   "6108937"   "6114662"   "6133550"   "6160242"   "6174651"   "6198074"   "6200023"   "6200634"   "6203620"   "6204484"   "6209220"   "6209480"   "6210484"   "6215106"   "6222990"   "6232580"   "6235656"   "6238588"   "6239038").PN. OR ("6280790"   "6281141"   "6293696"   "6307184"   "6310328"   "6359263"   "6387182"   "6403923"   "6408537"   "6414276"   "6423947"   "6506691"   "6514876"   "6559424"   "6610967"   "6638876"   "6717158"   "6727474"   "6770146"   "6771895"   "6797312"   "6808758"   "6835914").PN. OR ("7226488").URPN.				
S267	40	S266 and rtp	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:03
S268	98	("3796099"   "4408878"   "4611930"   "4659234"   "4708474"   "4881823"   "4919542"   "4956538"   "4979134"   "5011295"   "5029117"   "5226732"   "5326171").PN. OR ("5660472"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 16:10
S269	40	"5226732"	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 16:13
S270	143	("20020000194"   "20020104205"   "20020121242"   "20020137311"   "20030031793"   "20030124820"   "20030209326"   "20030235983"   "20030236642"   "20040018008"   "20040025787"   "20040040508"   "20040058557"   "20050006916"   "20050008351"   "3862397"   "3895967"   "4450652"   "4724621"   "4747928"   "4811493"   "4836138"   "4857689"   "4863547"   "4914276"   "4924073"   "4949783"   "4956538"   "5002010"   "5018616"   "5033407"   "5060354"   "5108792"   "5113929"   "5129360"   "5156820"   "5160545"   "5177878"   "5181556"   "5199483"   "5226732"   "5228501"   "5248370"   "5252366"   "5287914"   "5290381"   "5300453"   "5345999"   "5356476"   "5372648"   "5414244"   "5431700"   "5436172"   "5443997"   "5449883"   "5458687"   "5478401"   "5520742"   "5597458"   "5609689"   "5620560"   "5660472"   "5662469"   "5673750"   "5743643"   "5770515"   "5778968"   "5781693"   "5810933"   "5814365"   "5820942"   "5834068"   "5846375"   "5874711"   "5881208"   "5891790"   "5902494"   "5920797"   "5926742"   "5930456"   "5937142"   "5937541"	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 16:14

		"5944857"   "5960158"   "5960555"   "5965047"   "5970214"   "5970382"   "5980637"   "5990016"   "5997175"   "6018616"   "6027244"   "6034357"   "6056434"   "6073366"   "6075922"   "6097005"   "6100506"   "6105274"   "6107608"   "6108937"   "6114662"   "6133550"   "6160242"   "6174651"   "6198074"   "6200023"   "6200634"   "6203620"   "6204484"   "6209220"   "6209480"   "6210484"   "6215106"   "6222990"   "6232580"   "6235656"   "6238588"   "6239038").PN. OR ("6280790"   "6281141"   "6293696"   "6307184"   "6310328"   "6359263"   "6387182"   "6403923"   "6408537"   "6414276"   "6423947"   "6506691"   "6514876"   "6559424"   "6610967"   "6638876"   "6717158"   "6727474"   "6770146"   "6771895"   "6797312"   "6808758"   "6835914").PN. OR ("7226488").URPN.				
S271	11	"6133152"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:43
S272	0	"10631516"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:44
S273	0	"10* 631516"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:44
S274	2	"20050268567"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:44
S275	4	"rapid thermal processing" and "cooling gas" near exhaust	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:10
S276	1	2005-008369.NRAN.	DERWENT	AND	ON	2008/11/25 17:11
S277	141	S262 and cool\$4 near second	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:20
S278	7	S262 and (cool\$4 near second near gas)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:20

S279	3	S262 and (cool\$4 near second) with gas with cap	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:30
S280	3	S262 and (cool\$4 near second) with gas with cap and S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:30
S281	6	US-6143081-\$.DID. OR US-5903711-\$.DID. OR US-3511199-\$.DID. OR US-7642766-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/11/25 18:08
S282	1	("6143081").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/25 18:10
S283	0	("2006/0057799").URPN.	USPAT	AND	ON	2008/11/25 18:15
S284	155535	cool\$4 gas (wafer substrate) surface	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:30
S285	111455	cool\$4 gas (wafer substrate) surface (lateral side)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:30
S286	187	cool\$4 gas (wafer substrate) surface (lateral side)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/25 18:30
S287	27	S286 and S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/25 18:31
S288	2	"2002278199"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:41
S289	3	"2002-278199"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:42
S290	91	Horiguchi NEAR Takahiro	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:43
S291	0	(cool\$4 near gas)".clm" S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:51

S292	153	(cool\$4 near gas).clm. S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:52
S293	1	PCT/JP03/12085	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 09:49
S294	159	rtp and gas near manifold	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:19
S295	0	rtp and gas near manifold near cool \$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:19
S296	11	rtp and gas near manifold.clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:19
S297	40	08/637616	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:24
S298	18	"522556"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 12:19
S299	2	((("5221556") or ("5269847"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/26 12:20
S300	12	("5820686"   "5851299"   "5884412").PN. OR ("6133152"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 10:46
S301	1	S300 and water	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 10:49
S302	12	("5820686"   "5851299"   "5884412").PN. OR ("6133152"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 15:10
S303	0	(method apparatus for purging the back side of a substrate during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 15:50
S304	0	(purging the back side of a substrate during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/12/01 15:50

S305	0	(purging during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/12/01 15:50
S306	2	(purging during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/12/01 15:50
S307	9	US-6157106-\$.DID. OR US-2052000-\$.DID. OR US-6222990-\$.DID. OR US-6133152-\$.DID. OR JP-2003289050-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/12/01 19:22

12/ 2/ 2008 4:58:38 PM

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